Flow Cytometry & Single Molecule Detection Technologies

The following intellectual properties are flow cytometry and single molecule detection technologies developed by scientists at the University of California/Los Alamos National Laboratory. If you are interested in licensing a property, please contact John Mott (505-665-0883; **jmott@lanl.gov**) to learn its availability at that time. Information on properties for which a U.S. Patent has not issued will be provided only under a Nondisclosure Agreement.

Reference #	IP Status	Title/Description
S-63,274	U.S. Patent #5,064,948	Chromosome Specific Repetitive DNA Sequences • assigned to DOE
S-65,737	U.S. Patent #4,793,705	Single Molecule Tracking • available for nonexclusive licensing only • limited foreign rights may be available
S-65,753	U.S. Patent #4,962,037	Method for Rapid Base Sequencing of DNA and RNA • available for nonexclusive licensing only • limited foreign rights may be available
S-65,754	U.S. Patent #4,887,721	Laser Particle Sorter
S-68,080	U.S. Patent #4,884,886	Biological Particle Identification • assigned to DOE • limited foreign rights may be available
S-72,828	U.S. Patent #5,208,651	Apparatus and Method for Measuring Fluorescence Intensities at a Plurality of Wavelengths and Lifetimes
S-75,018	U.S. Patent #5,270,548	Phase Sensitive Flow Cytometer • assigned to DOE
S-78,339	U.S. Patent #5,418,169	Chromosome Sorting Using a Single Fluorescent Dye
S-80,428	U.S. Patent #5,405,747	Method for Rapid Base Sequencing in DNA and RNA with Two-Base Labeling * available for nonexclusive licensing only
S-80,455	U.S. Patent #5,652,098	Method for Rapid Isolation of Sensitive Mutants • assigned to DOE
S-82,625 S-87,208 S-87,295	U.S. Patent #5,827,663 U.S. Patent #5,834,204	Method and Apparatus for Reducing Solvent Luminescence Background Emissions

S-82,693	U.S. Patent #5,909,278	Flow Cytometry with Time-Resolved Fluorescent Decay Measurement
S-87,251 S-84,964	U.S. Patent #5,707,808 U.S. Patent #5,879,625	Optical Selection and Collection of DNA Fragments
S-84,939	U.S. Patent. #6,070,477	Collapsible sheath fluid reservoirs for flow cytometers
S-89,608	U.S. Patent #6,049,380	Single Molecule Identification Using Selected Fluorescence Characteristics • limited foreign rights may be available
S-82,673	U.S. Patent. #5,799,682	Reduction of Diffusional Defocusing in Hydrodynamically Focused Flows
S-91,724	U.S. Nonprovisional	High-Throughput Analysis of Samples in Flowing Liquid Using End-On Imaging and Parallel Detection
S-94,652	U.S. Nonprovisional	Rapid Haplotyping by Multicolor Single Molecule Detection
S-89,632	U.S. Nonprovisional	Recombinant Fluorescent Protein Microsphere Calibration Standard
S-94,735	U.S. Provisional	A Dynamic In-line Sample Thermoregulation Unit for Flow Cytometry